

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A textile construction, comprising:

a conductive elastomeric material suitable for converting ~~an~~ a mechanical interaction therewith into ~~a~~ at least one electronic signal;

at least one area of the conductive elastomeric material, wherein mechanical interaction in proximity with the at least one area of said conductive elastomeric material produces the at least one electronic signal; and

an actuator in contact with a surface of the conductive elastomeric material that operates ~~cooperates~~ with said the at least one area of the conductive elastomeric material to provide a user interface such that a user mechanical interaction with the actuator ~~does one of move and mechanically interact with said conductive elastomeric material to cause said conductive elastomeric material to produce said~~ produces the at least one electronic signal,

wherein ~~said the~~ actuator is ~~in contact with a surface of said conductive elastomeric material and is formed from one or more of a plastic and rubber,~~ and

wherein the cooperation between the actuator and the at least one area of the conductive elastomeric material includes at least one of movement and mechanical interaction of the actuator with respect to the at least one area of the conductive

elastomeric material, and

wherein the actuator is operated with respect to visual markings such that a user may see where or in what manner the mechanical interaction with the user interface should be made to obtain a predefined function of an electronic device associated with the textile construction that responds to the at least one electronic signal.

2. (Currently amended) The textile construction of claim 1, wherein one or more characteristics of ~~said~~ the conductive elastomeric material change in response to ~~said~~ the mechanical interaction.
3. (Currently amended) The textile construction of claim 1, wherein ~~said~~ the conductive elastomeric material has piezoelectric characteristics.
4. (Currently amended) The textile construction of claim 1, wherein ~~said~~ the conductive elastomeric material comprises one or more of a polypyrrole/lycra, a polypyrrole/nylon, a polypyrrole/polyester, or other conjugated polymer, or ion-implanted polymer.
5. (Currently amended) The textile construction of claim 1, wherein ~~said~~ the conductive elastomeric material can have one or more of the following: a flexible metal coated fabric including woven, non-woven, and/or knit, filaments, foils, and yarns, a conductive polymer coated fiber/fabric, a conductive graphitized fiber/fabric, and a conductive gel coated fiber/fabric.

6. (Currently amended) The textile construction of claim 1, wherein ~~said the~~ actuator is formed from a rigid material ~~that is more rigid than said conductive elastomeric material~~.

7. (Currently amended) The textile construction of claim 1, wherein ~~said the~~ actuator is formed from rubber.

8. (Currently amended) The textile construction of claim 1, wherein ~~said the~~ actuator ~~shows an indication of a response to~~ includes the visual markings such that a user may see where or in what manner the mechanical interaction with said the user interface should be made to obtain the predefined function.

9. (Currently amended) The textile construction of claim 1, wherein one or more characteristics of ~~said the~~ conductive elastomeric material change in proportional response to ~~said the mechanical~~ interaction, ~~said the mechanical~~ interaction causing one or more areas of said conductive elastomeric material to be displaced.

10-20. (Canceled)

21. (Currently amended) The textile construction of claim 1, wherein ~~said the~~ actuator is cooperative with ~~one~~ two or more conductive areas.

22. (Currently amended) The textile construction of claim 21, wherein one or more characteristics of ~~said~~the one or more conductive areas change in response to ~~an~~the mechanical interaction with ~~said~~the actuator.

23. (Currently amended) The textile construction of claim 22, wherein a displacement ratio between ~~said~~the one or more conductive areas is used to quantify at least one of a degree of ~~said~~the mechanical interaction, a speed of ~~said~~the mechanical interaction, and a rate of ~~said~~the mechanical interaction.

24. (Currently amended) The textile construction of claim 1, wherein ~~said~~the actuator is in contact with ~~said~~the conductive elastomeric material such that ~~said~~the mechanical interactions causes one or more areas of ~~said~~the conductive elastomeric material to be displaced.

25. (Currently amended) The textile construction of claim 1, wherein ~~said~~the user interface is operable for manipulation of one or more functionalities requiring proportional input.

26. (Currently amended) The textile construction of claim 1, wherein ~~said~~the user interface is operable for manipulation of two or more functionalities.

27. (Currently amended) The textile construction of claim 1, wherein ~~said~~the user

interface is operable for manipulation of three or more functionalities.

28. (Currently amended) The textile construction of claim 1, wherein ~~said~~ the conductive elastomeric material is formed from conductive fibers having a conductive core.

29. (Currently amended) The textile construction of claim 28, wherein ~~said~~ the conductive fibers include a conductive ~~fluid~~ semi-fluid sleeve enclosing said conductive core.

30. (Currently amended) The textile construction of claim 29, wherein ~~said~~ the conductive semi-fluid sleeve and ~~said~~ the conductive core are bonded together through sonic welding.

31. (Currently amended) The textile construction of claim 1, wherein ~~said~~ the conductive elastomeric material is formed from conductive fibers including a conductive semi-fluid sleeve.